

ABSTRACT

The invention proposes a system (20) of feeding preforms, particularly designed to feed a machine for blow moulding receptacles such as bottles, of the type comprising, from upstream to downstream in the longitudinal direction of travel of the preforms (10), at least one sorting and alignment device (28) whose top end is fed with jumbled preforms (10) and whose bottom end comprises at least two alignment rollers (38), substantially parallel and rotated about their respective axis (A1, A2), that are designed to position the preforms (10) in conveyor rails (30), inclined relative to the horizontal, to convey them to the machine (22), and of the type comprising, upstream of the machine (22), filtering means (48) to discard the incorrectly positioned preforms, characterized in that the filtering means (48) comprise, downstream of the alignment rollers (38), at least one selective discarding device (50) of the preforms (10) called lying preforms, that is to say those that arrive from the rollers on the rails lying down and oriented longitudinally and that extend generally longitudinally on the conveyor rails.

Figure 1